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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/706,644
Filing Date	November 12, 2003
First Named Inventor	Shuibo Xie
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	1856-36301 (9782.0-02)

ENCLOSURES (check all that apply)						
Fee Transmittal Form	☐ Drawing(s)	After Allowance Communication to Group				
Fee Attached	☐ Licensing-related Papers ☐ Petition	Appeal Communication to Board of Appeals and Interferences				
Amendment/Reply	Petition					
After Final	Petition to Convert to a Provisional Application	Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)				
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☐ Certified Copy of Priority Document(s)	☐ CD, Number of CD(s)	Form PTO-1449; acknowledgment postcard				
Response to Missing Parts/ Incomplete Application						
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SIGNATURE O	F APPLICANT, ATTORNEY	, OR AGENT				
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Date April 30, 2004						
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This collection of information is required by 7 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.



#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicants:

Shuibo Xie, et al.

Group Art Unit:

Serial No.:

10/706,644

Examiner:

Filed:

November 12, 2003

Atty. Docket No.:

1856-36301

For:

Novel Syngas Catalysts And

Client Ref. No.:

9782.0-02

Their Method Of Use

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Atty. Dkt. No.: 1856-36301 (9782.0-02)

Date: April 30, 2004

Commissioner for Patents P. O. Box 1450 Alexandria, Virginia 22313-1450

Sir:

In accordance with 37 CFR §1.97, §1.98, applicant is providing herewith copies of the supplementary items listed on the attached U.S. Patent and Trademark Office Form PTO 1449. If this application was filed prior to June 30, 2003, a copy of each publication listed on Form PTO-1449 is enclosed herewith. This information is supplemental to the Information Disclosure Statement and Form PTO 1449 filed in the above-referenced case on April 20, 2004.

The submission of this Supplemental Information Disclosure Statement and Form PTO-1449 is not an admission that the art cited is "prior" with respect to the present invention, nor is it a representation that no better art exists. Applicants hereby reserve the right to swear behind or otherwise disprove any alleged "prior" nature of any art cited should the facts support and the situation warrant such an action.

It is submitted that the art cited does not constitute a bar to the patentability of Applicants' invention under 35 U.S.C. § 102 or § 103.

No Office Action on the merits has been received in the present application. Nonetheless, in the event that an Office Action dated prior to the mailing date of this Supplemental Information Disclosure Statement has been issued, please charge Deposit Account 03-2769, Conley Rose, P.C., in the amount of \$180, so that this Supplemental Information Disclosure Statement may be considered under Rule 1.97(c).

Respectfully submitted,

Reg. No. 53,078

Conley Rose, P.C.

P. O. Box 3267

Houston, Texas 77253-3267 (713) 238-8000 Telephone

ATTORNEY/AGENT FOR APPLICANT

Form PTO-1449 (		ELESURE STAT	EMENT BY A	APPLICANT	Atty. Docke 1856-363 (9782.0-0	01	Serial N 10/706	
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REFERENCE I	ESIGNAT	TION U.SE PATENT DO	OCUMENTS					
EXAMINER INITIAL	1	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING APPRO	DATE IF PRIATE
	AA	3,752,775	08/14/1973	Yamaguchi et al.	252	464		
	AB	4,537,873	08/27/1985	Kato et al.	502	242		
	AC	4,585,752	04/29/1986	Ernest	502	314		
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	AF	4,961,786	10/09/1990	Novinson	106	692		
<u> </u>	AG	5,837,634	11/17/1998	McLaughlin et al.	501	127		
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<u>.                                      </u>	AM	6,455,597	09/24/2002	Hohn et al.	518	715		
FOREIGN PA		CUMENTS						
TORBIOL TIL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	Tran:	slation <u>NO</u>
OTHER ART	(Including	, Author, Title, Date, Pe	ertinent Pages, E	tc.)				
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EXAMINER:	Initial if r	eference considered, wh lude copy of this form v	nether or not cita with next commu	tion is in conformance with MPEP nication to the applicant.	§609; Draw line thro	ugh citation if	not in conf	ormance



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### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	10/706,644			
Filing Date	November 12, 2003			
First Named Inventor	Shuibo Xie et al.			
Group Art Unit				
Examiner Name				
Attorney Docket Number	1856-36301 (9782.0-02)			

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate) title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issued number(s), publisher, city and/or country where published.				
	AN	Amato et al., Sintering of Pelleted Catalysts for Automotive Emission Control, pp. 187-197				
.,	AO	Arai et al., Recent Progress in High-Temperature Catalytic Combustion, Catalysis Today, 10 (1991) pp. 81-94				
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_	AQ	Artizzu-Duart et al, Catalytic Combustion of Methane on Substituted Barium Hexaaluminates, Catalysis Today 59 (2000) pp. 163-177				
	AR	Beguin et al., Stabilization of Alumina by Addition of Lanthanum, Applied Catalysis 75 (1991) pp. 119-132				
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	AT	Cai et al., Atomic Scale Mechanism of the Transformation of y-Alumina to O-Alumina, Physical Review Letters, Vol. 89, No. 23, (12/02/2002) pp. 235501-1 – 235501-4				
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	AY Jang et al., Catalytic Oxidation of Methane Over Hexaaluminates and Hexaaluminate-Supported Catalysts, Catalysis Today 47 (1999) pp. 103-113					
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				Group Art Unit	
(use as many sheets as necessary)				Examiner Name	
Sheet	3	of	4	Attorney Docket Number	1856-36301 (9782.0-02)

Application Number

First Named Inventor

Filing Date

Complete if Known

10/706,644

November 12, 2003

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		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS							
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	BD	Liu et al., Partial Oxidation of Methane over Ni/Ce-ZrO <sub>2</sub> /0-Al <sub>2</sub> O <sub>3</sub> , Korean Journal of Chemical Engineering 19(5) pp. 742-748 (2002)							
	BE	Machida et al., Effect of Additives on the Surface Area of Oxide Supports for Catalytic Combustion, Journal of Catalysts 103 (1987) pp. 385-393							
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Examin	L er	Dated							
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Complete if Known Substitute for form Land PTO **Application Number** 10/706,644 November 12, 2003 INFORMATION DISCLOSURE Filing Date Shuibo Xie et al. First Named Inventor STATEMENT BY APPLICANT Group Art Unit (use as many sheets as necessary) Examiner Name 1856-36301 (9782.0-02) Attorney Docket Number of Sheet

	- '''	OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate) title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issued number(s), publisher, city and/or country where published.	
Tittelis	BS	Russell et al., <i>Thermal Transformations of Aluminas and Alumina Hydrates</i> , Industrial and Engineering Chemistry Vol. 42, No. 7 (1950) pp. 1398-1403	
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	BU	Taylor, Computer Programs for Standardless Quantitative Analysis of Minerals Using the Full Powder Diffraction Profile, Powder Diffraction, Vol. 6, No. 1 (1991) pp. 2-9	
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	BW	Tijburg et al., Application of Lanthanum to Psuedo-Boehmite and y-Al <sub>2</sub> O <sub>3</sub> ,, Chapman and Hall (1991) pp. 6479-6486	
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